

LISTING OF CLAIMS

1. (original) A string trimmer line including:

an elongated filament member having a cross section throughout the length thereof with a thickness which is less than the width thereof and which has top and bottom surfaces located in first and second parallel planes, and a portion of at least one of the top and bottom surfaces located in a plane other than the first and second planes.

2. (original) A string trimmer line according to Claim 1 wherein parallel transverse cross sections of the elongated filament member are the same throughout the length of the elongated filament member.

3. (original) A string trimmer line according to Claim 2 wherein the elongated filament member is made of a high molecular weight orientable plastic.

4. (original) A string trimmer line according to Claim 3 wherein the elongated filament member is made of extruded plastic material.

1 5. (withdrawn) A string trimmer line according to Claim 4
2 wherein the elongated filament member has at least one groove in at
3 least one of the top and bottom surfaces extending the length of
4 the elongated filament member.

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6 6. (withdrawn) A string trimmer line according to Claim 5
7 wherein the elongated filament member has first and second tapered
8 edges extending the length thereof in a plane intermediate the
9 planes of the top and bottom surfaces.

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11 7. (withdrawn) A string trimmer line according to Claim 5
12 wherein the thickness of the elongated filament member adjacent a
13 centerline thereof is less than the thickness of the elongated
14 member adjacent the edges thereof.

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17 8. (original) A string trimmer line according to Claim 1
18 wherein the elongated filament member is made of a high molecular
19 weight orientable plastic.

1 9. (original) A string trimmer line including an elongated
2 filament member made of material having molecular orientation in
3 both the direction of the length thereof and in the direction of
4 the width thereof, resulting in bi-axial molecular orientation of
5 the material, the elongated filament member further having a cross
6 section throughout the length thereof with a thickness which is
7 less than the width thereof and which has top and bottom surfaces,
8 at least a portion of which are located in parallel planes.
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11 10. (original) A string trimmer line according to Claim 9
12 wherein the elongated filament member is made of a high molecular
13 weight orientable plastic.
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15 11. (withdrawn) A string trimmer line according to Claim 10
16 wherein the elongated filament member has transverse grooves across
17 the width thereof in at least one of the top and bottom surfaces.
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19 12. (withdrawn) A string trimmer line according to Claim 11
20 wherein the elongated filament member has transverse intersecting
21 grooves substantially across the width thereof in at least one of
22 the top and bottom surfaces.
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24 13. (original) A string trimmer line according to Claim 1
25 wherein the elongated filament member is made of extruded plastic
26 material.

1 14. (original) A string trimmer line according to Claim 13
2 wherein the elongated filament member is made of material having
3 molecular orientation in both the direction of the length thereof
4 and in the direction of the width thereof, resulting in bi-axial
5 molecular orientation of the material.
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8 15. (original) A string trimmer line according to Claim 14
9 wherein the elongated filament member is made of a high molecular
10 weight orientable plastic.
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12 16. (withdrawn) A string trimmer line according to Claim 1
13 wherein the thickness of the elongated filament member adjacent a
14 centerline thereof is less than the thickness of the elongated
15 member adjacent the edges thereof.
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17 17. (withdrawn) A string trimmer line according to Claim 16
18 wherein the elongated filament member has first and second tapered
19 edges extending the length thereof in a plane intermediate the
20 planes of the top and bottom surfaces.
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22 18. (withdrawn) A string trimmer line according to Claim 1
23 wherein the elongated filament member has at least one groove in at
24 least one of the top and bottom surfaces extending the length of
25 the elongated filament member.
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1 19. (withdrawn) A string trimmer line according to Claim 1
2 wherein the elongated filament member has transverse grooves across
3 the width thereof in at least one of the top and bottom surfaces.
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5 20. (withdrawn) A string trimmer line according to Claim 1
6 wherein the elongated filament member has transverse intersecting
7 grooves substantially across the width thereof in at least one of
8 the top and bottom surfaces.
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10 21. (withdrawn) A string trimmer line according to Claim 1
11 wherein the elongated filament member has first and second tapered
12 edges extending the length thereof in a plane intermediate the
13 planes of the top and bottom surfaces.
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15 22. (withdrawn) A method for manufacturing string trimmer
16 line from high molecular weight plastics including forming an
17 elongated blank of high molecular weight orientable; passing the
18 blank between a pair of rotating calendering rollers to reduce at
19 least a portion of the thickness of the blank and to increase the
20 width thereof to produce a bi-axially oriented elongated filament.
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23 23. (withdrawn) The method according to Claim 22 wherein the
24 calendering rollers produce at least one groove extending the
25 length of the elongated filament.
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1 24. (withdrawn) The method according to Claim 23 wherein
2 forming the blank is effected by extruding.

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4 25. (withdrawn) The method according to Claim 22 wherein the
5 calendering rollers produce transverse channels across the width of
6 the elongated filament.

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9 26. (withdrawn) The method according to Claim 22 wherein
10 forming the blank is effected by extruding.

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12 27. (withdrawn) The method according to Claim 26 wherein the
13 calendering rollers produce transverse channels across the width of
14 the elongated filament.

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16 28. (withdrawn) A method for producing string trimmer line
17 including extruding a continuous blank of orientable plastic having
18 a transverse cross section of a predetermined area; supplying the
19 continuous blank to a pair of opposing calendering rollers, the
20 space between which has a cross-sectional area equal to the cross-
21 sectional area of the extruded blank, but with a different cross-
22 sectional configuration to cause bi-axial orientation of finished
23 elongated string trimmer line exiting from the calendering rollers.
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1 29. (withdrawn) The method according to Claim 28 wherein the
2 cross-sectional space between the opposing calendering rollers
3 taken on a plane passing through the axis of both of the
4 calendering rollers of the pair is configured to widen the cross-
5 sectional configuration of a blank of material supplied thereto and
6 to lessen the thickness thereof.
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